

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHUNG-JEON LEE et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 17 September 2003

Art Unit: *to be assigned*

For: BUBBLE JET TYPE INK-JET PRINT HEAD AND MANUFACTURING  
METHOD THEREOF

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop : Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites the following art references. These references were cited in the earlier application, Serial No. 09/835,348 filed on 17 April 2001, on which the present divisional application is being filed. Also, it is respectfully submitted that the information disclosure statement(s) filed in the aforesaid earlier application complies with 37 C.F.R. §1.98(a)(b). In accordance with 37 C.F.R. §1.98(d), copies of these references are **not** enclosed.

**U.S. patent reference(s)**

1. U.S. patent No.6,267,904,by Silverbrook, entitled “METHOD OF MANUFACTURE OF AN INVERTED RADIAL BACK-CURLING THERMOELASTIC INK JET”, issued on 31 July 2001.
2. U.S. patent No.6,171,510, by Lee, entitled “METHOD FOR MAKING INK-JET PRINTER NOZZLE,” issued on 9 January 2001.
3. U.S. patent No. 5,519,424, by Scardovi *et al.*, entitled “INK JET PRINT HEAD,” issued on 21 May 1996.
4. U.S. patent No. 6,276,057, by Aihara *et al.*, entitled “METHOD FOR CONTROLLING THE SPREAD OF FLUID AROUND A NOZZLE ORIFICE,” issued on 21 August 2001.
5. U.S. patent No. 6,462,391, by Chong *et al.*, entitled “SUSPENDED MOVING CHANNELS AND CHANNEL ACTUATORS FOR MICROFLUIDIC APPLICATIONS AND METHOD FOR MAKING,” issued on 8 October 2002.
6. U.S. patent publication No. 2001/0048454, by Westberg *et al.*, entitled “FLUID JET NOZZLE,” published on 6 December 2001.
7. U.S. patent No. 5,871,656, by Silverbrook, entitled “CONSTRUCTION AND MANUFACTURING PROCESS FOR DROP ON DEMAND PRINT HEADS WITH NOZZLES HEATERS,” issued on 16 February 1999.

**Foreign patent reference(s)**


1. Japanese patent publication No. 05-338178, by Silverbrook, entitled “INK JET

PRINT DEVICE," published on 21 December 1993.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

  
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Folio: P56327A  
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<b>INFORMATION DISCLOSURE STATEMENT</b>  <b>PTO-1449 (PAGE 1 OF 1)</b>	SERIAL NUMBER <i>to be assigned</i>	DOCKET NO. P56327A
	APPLICANT CHUNG-JEON LEE	
	FILING DATE 17 September 2003	GROUP <i>to be assigned</i>

U.S. PATENT DOCUMENTS							
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	6,267,904	7/2001	Silverbrook			7/10/1998	
	6,171,510	1/2001	Lee			10/30/1997	
	5,519,424	5/1996	Scardovi <i>et al.</i>			3/7/1995	
	6,276,057	8/2001	Aihara <i>et al.</i>			7/9/1999	
	6,462,391	10/2002	Chong <i>et al.</i>			10/12/2000	
	2001/0048454	12/2001	Westberg <i>et al.</i>			6/5/1998	
	5,871,656	2/1999	Silverbrook			10/17/1996	
FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 05-338178	12/1993	JAPAN				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER:			DATE CONSIDERED:				
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							